

# GRAIN-SIZE ANALYSIS (SIEVE METHOD)

1. PROJECT				2. DATE		
3. JOB NUMBER		4. EXCAVATION		5. DATE COMPLETED		
6. NOTES ABOUT SAMPLE/DESCRIPTION				7. SAMPLE NUMBER		
				8. ORIGINAL SAMPLE WEIGHT		
9. PREWASHED <input type="checkbox"/> YES <input type="checkbox"/> NO		10. + #200 SAMPLE WEIGHT, WASHED		11. - #200 SAMPLE WEIGHT, WASHED		
12. SIEVE SIZE	13. SIEVE WEIGHT	14. SIEVE-SAMPLE WEIGHT	15. WEIGHT RETAINED	16. CUMULATIVE WEIGHT RETAINED	17. PERCENT RETAINED	18. PERCENT PASSING
19. TOTAL WEIGHT RETAINED IN SIEVES <i>(Sum of column 15)</i>			24. ERROR (8-23)		25. ERROR IN PERCENTAGE  $\left( \frac{24}{8} \right) \times 100 =$	
20. WEIGHT SIEVED THROUGH #200 <i>(Weight in pan)</i>						
21. WASHING LOSS <span style="float: right;"><i>(8 - (10 + 11))</i></span>						
22. TOTAL WEIGHT PASSING #200 SIEVE <span style="float: right;"><i>(20 + 11)</i></span>						
23. TOTAL WEIGHT OF FRACTIONS <span style="float: right;"><i>(19 + 22)</i></span>						
26. PERCENT GRAVEL (% G)		27. PERCENT SAND (% S)		28. PERCENT FINES (% F)		29. DECIMAL FINES (% F ÷ 100)
30. REMARKS						
31. TECHNICIAN <i>(Signature)</i>			32. COMPUTED BY <i>(Signature)</i>		33. CHECKED BY <i>(Signature)</i>	